

Boqian Li

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EDUCATION

Huazhong University of Science and Technology

B.Eng. in Electrical Engineering (Biomedical Engineering)

Wuhan, China

Sep 2020 – Jun 2025

- GPA: 4.52/5.0 | Average Score: 90.7
- Rank: 1/54

PUBLICATIONS

ETCH: Generalizing Body Fitting to Clothed Humans via Equivariant Tightness

Boqian Li, Haiwen Feng[‡], Zeyu Cai, Michael J. Black, Yuliang Xiu[†] ([‡] group lead, [†] corresponding author)

▷ *International Conference on Computer Vision (ICCV) 2025* (*Highlight Paper, Top 2.3%*)

GarmentDreamer: 3DGS Guided Garment Synthesis with Diverse Geometry and Texture Details

Boqian Li^{*}, Xuan Li^{*}, Ying Jiang^{*}, Tianyi Xie, Feng Gao, Huamin Wang, Yin Yang, Chenfanfu Jiang (^{*} equal contribution)

▷ *International Conference on 3D Vision (3DV) 2025*

UP2You: Fast Reconstruction of Yourself from Unconstrained Photo Collections

Zeyu Cai, Ziyang Li, Xiaoben Li, **Boqian Li**, Zeyu Wang, Zhenyu Zhang[†], Yuliang Xiu[†] ([†] shared corresponding author)

▷ *International Conference on Learning Representations (ICLR) 2026*

ETCH-X: Robustify Body Fitting to Any Clothed Human Scans with Simulated Garments and Pose Libraries

Xiaoben Li, Jingyi Wu, Zeyu Cai, Siyuan Yu, **Boqian Li**, Yuliang Xiu[†] ([†] corresponding author)

▷ *Under Review, 2025*

EXPERIENCE

Physical Superintelligence (PSI) Lab at USC

Research Intern (Advisor: Yue Wang)

Los Angeles, USA

Oct 2025 – Present

- Research Topic: Vision-Language-Action (VLA) model for Universal Humanoid Loco-Manipulation, Real-Time Action Chunking System

Endless AI Lab at Westlake University

Research Intern (Advisor: Yuliang Xiu)

Hangzhou, China

Jul 2024 – May 2025

- Research Topic: 3D Human Pose Shape Estimation and Representation
- Publications: ETCH, UP2You, ETCH-X

Artificial Intelligence & Visual Computing (AIVC) Lab at UCLA

Research Intern (Advisor: Chenfanfu Jiang, Yin Yang)

Los Angeles, USA

Nov 2023 – May 2024

- Research Topic: 3D Garment Synthesis, Diffusion-Based Generative Models, Texture Reconstruction, 3D Gaussian Splatting.
- Publication: GarmentDreamer

Cognitive Computing and Intelligent Information Processing Lab at HUST

Research Intern (Advisor: Wei Wei)


Wuhan, China

Sep 2022 – Feb 2023

- Research Topic: Debaised Visual Question Answering Model

INVITED TALKS

Clothed Human Body Fitting: A Journey to ETCH

Qingke Talk, Episode 72 

Aug 2025

Online

HONORS & AWARDS

National Scholarship	Dec 2022
- <u>Top 0.2%</u> nationally, China's highest undergraduate honor	<i>Huazhong University of Science and Technology</i>
Outstanding Undergraduate	Apr 2022
- <u>Top 1%</u> university-wide, the greatest honor for undergraduates	<i>Huazhong University of Science and Technology</i>
All-Round Excellence Student	Jan 2023
- <u>Top 5%</u> university-wide	<i>Huazhong University of Science and Technology</i>
All-Round Excellence Student	Dec 2021
- <u>Top 5%</u> university-wide	<i>Huazhong University of Science and Technology</i>
Academic Excellence Scholarship	Apr 2021
	<i>Huazhong University of Science and Technology</i>

ACADEMIC SERVICE

Conference Reviewer: ECCV 2026, CVPR 2026

TECHNICAL SKILLS

Languages: Python, C/C++, Matlab, C#

Libraries: Pytorch, TensorFlow, Scikit-Learn, OpenCV, Pandas, NumPy, Matplotlib